SEDIMENT STORAGE

The following table summarizes the required and available sediment storage for every outfall on this project. The Contractor shall provide and maintain the storage volumes for the BMP's specified in this table.

VOID

OUTFALL ID	TOTAL DRAINAGE AREA (ACRES)	DISTURBED AREA (ACRES)	REQUIRED SEDIMENT STORAGE VOLUME (YD^3)	TOTAL STORAGE VOLUME PROVIDED (YD^3)	SEDIMENT BASINS		CHECK DAM		INLET SEDIMENT TRAPS		SILT FENCE		NOTES
					POND #	TOTAL VOLUME	NUMBER OF DEVICES	TOTAL VOLUME	NUMBER OF DEVICES	TOTAL VOLUME	NUMBER OF DEVICES	TOTAL VOLUME	
Ditch I-75 Northbound Station 471+38.69 RT NB ON RAMP Sta 39+70 RT	6.26	4.42	420.0	248.10			23	44.27			1920	203.83	The placement of a sediment basin at this outfall will create more disturbed earth from its construction than it would serve to mitigate. Matting blankets will be used to mitigate the lack of sediment storage and to stabilize the disturbed area until final stabilization is reached. Please refer to the "SEQUENCE OF MAJOR ACTIVITIES" located on sheet 51-04 for more information.
Ditch I-75 Median Station 411+34.70 CL	0.23	0.23	15.74	3.30			1	3.30					The placement of a sediment basin at this outfall will create more disturbed earth from its construction than it would serve to mitigate. Matting blankets will be used to mitigate the lack of sediment storage and to stabilize the disturbed area until final stabilization is reached. Please refer to the "SEQUENCE OF MAJOR ACTIVITIES" located on sheet 51-04 for more information.
Ditch I-75 Median Station 471+38.69 CL	1.32	1.32	89.0	30.12			14	30.12					The placement of a sediment basin at this outfall will create more disturbed earth from its construction than it would serve to mitigate. Matting blankets will be used to mitigate the lack of sediment storage and to stabilize the disturbed area until final stabilization is reached. Please refer to the "SEQUENCE OF MAJOR ACTIVITIES" located on sheet 51-04 for more information.
SB On Ramp Sheet flow Station 7+40 to 10+15	0.34	0.34	22.81	49.92							298	49.92	Sediment storage calculations indicate that for the area of sheet flow silt fence at the toe of slope will provide adequate storage.
I-75 Sheet flow Station 411+51 to 413+05 RT	0.20	0.20	13.31	18.93							113	18.93	Sediment storage calculations indicate that for the area of sheet flow silt fence at the toe of slope will provide adequate storage.
SB Off Ramp Seet Flow Station 18+50 to 25+00	1.37	0.82	92.05	108.54							648	108.54	Sediment storage calculations indicate that for the area of sheet flow silt fence at the toe of slope will provide adequate storage.
NB On Ramp Sheet Flow Station 14+10 to 17+46	0.47	0.38	31.40	58.12							347	58.12	Sediment storage calculations indicate that for the area of sheet flow silt fence at the toe of slope will provide adequate storage.
Conference Drive Extension Sheet Flow Station 13+48 to 18+00 LT	0.38	0.17	25.33	74.78							446	74.78	Sediment storage calculations indicate that for the area of sheet flow silt fence at the toe of slope will provide adequate storage.
SR156 / Harmony Church Road Sheet Flow Station 39+00 RT TO 22+80 LT	0.77	0.46	51.86	118.59							708	118.59	Sediment storage calculations indicate that for the area of sheet flow silt fence at the toe of slope will provide adequate storage.

In order to prevent runoff from bypassing inlet sediment traps, a temporary berm shall be installed on the downstream side of all inlet sediment traps that are not located in a low point or an excavated sump. Temporary berms, when necessary, shall be a minimum of 18" high and constructued in a manner that ensures stormwater doe snot bypass the inlet. The Contractor may submit alternate temporary containment berm designs to the Project Engineer for approval.

Additional Erosion Control Mats have been added to all slopes within the disturbed areas for outfalls that do not have adequate sediment storage in an effort to mitigate the sediment run-off.

1/5/2009 GPLN

GEORGIA
DEPARTMENT OF TRANSPORTATION

REVISION DATES

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION
OFFICE: ROADWAY DESIGN

ESPC GENERAL NOTES

PROJECT IM000-0075-03(189)
GORDON COUNTY

DRAWING No. 51-007